

10/577476

AMENDMENTS TO THE CLAIMS

5820130/01/01/27 APR 2006

In the original application, there were 9 claims (claims 1 to 9). In response to the Written Opinion, the Applicant has amended claims 1 to 9 and added claims 10 to 19.

Thus:

- Claims 1 to 9 are replaced by amended claims bearing the same numbers;
- Claims 10 to 19 are new.

Particularly:

- Claim 1 has been amended to further describe the movements of the actuator and the cam. Also, "Adjustable sealing means" has been changed for "Adjustable sealing device";
- Claims 2-6 and 8-9 have been amended to change "Adjustable sealing means" for "Adjustable sealing device";
- Claim 7 has been amended to further describe the components of the adjustable sealing device and the relations between them. Also, "Adjustable sealing means" has been changed for "Adjustable sealing device";
- Claims 10-19 are new.

Signed at Montreal, this 10 day of May 2005.

On behalf of the registrant,  
FLUOROSEAL INC.

By: Brouillette & Partners  
**BROUILLETTE & PARTNERS**  
1100 René-Lévesque Blvd West  
Suite 2300  
Montréal (Québec) H3B 4N4

Robert Brouillette  
Patent Agent  
(514) 397-6900

Encls: Abstract replacement sheet;  
Claims replacement sheets;  
Marked-up claims sheets showing changes.

I claim:

AP20 Rec'd PCT/PTO 27 APR 2006

1. An adjustable sealing means-device for preventing the leakage of a substance contained in a containment device comprising a cam and means to actuate said cam wherein the linear movement of said actuating means creates a rotational and vertical movement of said cam.
2. An Adjustable sealing means-device as claimed in claim 1, wherein said cam actuating means comprises a bolt or screw.
3. An aAdjustable sealing devicemeans as claimed in claim 1, wherein said cam actuating means comprises a single bolt or screw
4. An aAdjustable sealing devicemeans as claimed in claim 3, further comprising a cam position indicator.
5. An aAdjustable sealing devicemeans as claimed in claim 4, wherein said containment device is a valve.
6. An aAdjustable sealing devicemeans as claimed in claim 4, wherein said containment device is a plug valve.
7. Adjustable-An adjustable sealing devicemeans for preventing the leakage of a substance contained in a containment device comprising:
  - a. a cover;
  - b. a cam;
  - c. a seal;
  - d. means to press said cam against said seal;wherein the linear movement of said pressing means creates a rotational and vertical movement of said cam, said vertical movement pressing said cam against said seal.

8. An adjustable sealing device means as claimed in claim 7, wherein said pressing means comprises a bolt or screw acting on said cam.
9. An adjustable sealing device means as claimed in claim 8, wherein said pressing means comprises a single bolt or screw.
10. An adjustable sealing means as claimed in claim 7, further comprising a thrust collar located between said cam and said seal and wherein the linear movement of said pressing means creates a rotational and vertical movement of said cam, said vertical movement pressing said cam against said thrust collar and said thrust collar against said seal.
11. An adjustable sealing device for preventing the leakage of a substance contained in a containment device having a body and a stem, said sealing device comprising:  
a. a cover having an aperture;  
b. means to fasten said cover onto said containment device body;  
c. a cam;  
d. means to actuate said cam;  
e. a generally circular seal;  
wherein said cam is rotatably fitted into said cover and wherein the linear movement of said actuating means creates a rotational and vertical movement of said cam, said vertical movement compressing said cam against said seal and said seal around said stem.
12. An adjustable sealing device as claimed in claim 10, wherein said means to actuate said cam comprises a bolt or screw acting on said cam.
13. An adjustable sealing device as claimed in claim 11, wherein said means to actuate said cam comprises a single bolt or screw.

14. An adjustable sealing device as claimed in claim 10, further comprising a generally circular thrust collar located between said cam and said seal and wherein the linear movement of said actuating means creates a rotational and vertical movement of said cam, said vertical movement compressing said cam against said thrust collar, said thrust collar against said seal and said seal around said stem.
15. An adjustable sealing device for preventing the leakage of a substance contained in a containment device having a body and a stem, said sealing device comprising:
- a. a cover having an aperture;
  - b. means to fasten said cover onto said containment device body;
  - c. a cam rotatably fitted into said cover;
  - d. means to actuate said cam;
  - e. a generally circular seal;
- wherein said cam has an angular lower portion, wherein said seal has a flat outer portion and an angular inner portion and wherein the linear movement of said means to actuate said cam creates a rotational and vertical movement of said cam, said vertical movement compressing said cam against said thrust collar, said thrust collar against said seal and said seal around said stem.
16. An adjustable sealing device as claimed in claim 15, wherein said means to actuate said cam comprises a bolt or screw acting on said cam.
17. An adjustable sealing device as claimed in claim 16, wherein said means to actuate said cam comprises a single bolt or screw.
18. An adjustable sealing device as claimed in claim 15, further comprising a generally circular thrust collar having a flat outer portion and an angular inner portion and located between said cam and said seal and wherein the linear movement of said actuating means creates a rotational and

vertical movement of said cam, said vertical movement compressing said cam against said thrust collar, said thrust collar against said seal and said seal around said stem.

19. An adjustable sealing device for preventing the leakage of a substance contained in a containment device comprising a cam, means to actuate said cam and a cam position indicator wherein the linear movement of said actuating means creates a rotational and vertical movement of said cam.